

# U.S. Department of Transportation Federal Aviation Administration Standard

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**2.1** Government documents. The following documents of the issue in effect on the date of invitation for bids or request for proposal, form a part of this standard to the extent specified herein. In event of conflict between the documents referenced herein and the contents of this standard, the contents of this standard shall be considered a superseding requirement.

### SPECIFICATIONS:

Federal \*\*\*

L-F-340 Film, Diazotype, Sensitized; Moist and Dry Process;

Roll and Sheet

L-P-519 Plastic Sheet: Tracing, Glazed and Matte Finish

Military

MIL-D-5480 Data, Engineering and Technical; Reproduction

Requirements for

MIL-M-9868 Microfilming of Engineering Documents, 35mm,

Requirements for

STANDARDS:

FAA

FAA-STD-005 Preparation of Specification Documents

FAA-STD-023 Microfilming of Engineering and Electrical Drawings

Military

MIL-STD-14 Architectural Symbols

OTHER PUBLICATIONS:

Orders

DOT Order **1360.6** Graphic Standards

FAA Order **7340.1** Contractions FAA Order **1000.15** Glossary

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- **3.14.3** Drawings not to scale. In the case of diagrams, isometrics, perspective, tabulated, and similar drawings not prepared to any scale, the word "NONE" shall be entered after '\*SCALE".
- **3.15** Title/index sheet. All construction drawings (paragraph **3.13.1**) with two or more disciplines shall include a title/index sheet, or a title sheet and an index sheet. A separate title sheet and index sheet are required when there is insufficient space for indexing the drawings of that respective set on a combined title/index sheet (see Figures 2, 3, and 4). Multi-sheet drawings (paragraph 3.13.2) shall have a listing of all sheets, with revision status of each sheet on sheet 1.
- **3.16** Contractor identification. All engineering drawings prepared by . contractors shall bear the contractor identification block, along with the architect's/proofessional engineer's (PE) seal as required. This identification block shall be located adjacent to, and to the left of the DOT/FAA title block in accordance with Figure 4.
- **3.17** DOT/FAA mark and signature. Each title/index sheet or title sheet only, shall bear the DOT/FAA mark and signature. The DOT/FAA mark and signature shall be in accordance with DOT Order 1360.6. A full size, camera ready copy of the DOT/FAA mark and signature has been provided for photographic use (see Figures 5 and 5a).
- **3.18** Z<u>oning</u>. Vertical and horizontal' zone blocks as outlined in ANSI **Y14.1** shall not be' used on finalized engineering drawings.

- **3.19.1** Drawing title. The drawing title shall be the name by which the subject matter shall be known and will consist of a facility or system designator (first line), if applicable, and a basic name with sufficient modifiers to differentiate like facilities or systems. This title may be centered or left justified.
- **3.19.1.1** Facility designator. Facility designators may be in acronym form. If used, acronyms shall be as provided by the project technical office (see paragraph **6.2** for frequently used acronyms).
- **3.19.1.2** Modifiers. Titles for drawings requiring modifiers shall be in two parts. The first part shall be the facility or system designator. The second part shall be the name **and.any** additional modifiers necessary to completely identify the subject matter.

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**6.2.1** A<u>cronyms and abbreviations</u>. The following are definitions of acronyms and abbreviations used in this standard.

<b>A</b> AAC <b>I</b>	Aeronautical Center	
MS	Office of Airport Standards	
ACT	FAA Technical Center	
A/Ē	Architect/Engineer	
A&E	Architectural and Engineering	
AES	System Engineering Service	
ANSI	American National Standards Institute	
APM	Program Engineering and Maintenance Service	
ASHRAE	American Society of Heating, Refrigerating, and Air	
	Conditioning Engineers, Inc.	
ASSY	Assembly	
aws	American Welding Society	
DOT	Department of Transportation	
FAA	Federal Aviation Administration	
FAA-RO	Federal Aviation Administration Regional Office	
IEEE	Institute of Electrical and Electronic Engineers	
INSTL	Installation	
MīL	Military	
NAS	National Airspace System	
PE	Professional Engineer	
STD	Standard	
SUBASSY	Subassembly	
WO	Washington Office	

 ${\bf 6.2.2}$  D<u>rawing title acronyms</u>. The following acronyms shall be used for first line title entries as applicable.

AAC AAL AAP AAS	Aeronautical Center Alaskan Region Advanced Automation Program Office Office of Airport Standards
A C E ACT	Central Region FAA Technical Center
ADF	Automatic Direction Finder
ADL	Associate Administrator for Development and Logistics
AEA	Eastern Region
AES	Systems Engineering Service
AGL	Great Lakes Region
ALS	Approach Lighting System
ALSF	Approach Lighting System with Sequenced Flashers
ANE	New England Region
ANM	Northwest Mountain Region
APM	Program Engineering and Maintenance Service
ARSR	Air Route Surveillance Radar
ARTCC	Air Route Traffic Control Center
ARTS	Automated Radar Terminal Systems
ASDE	Airport Surface Detection Equipment

**6.2.1** A<u>cronyms and abbreviations</u>. The following are definitions of acronyms and abbreviations used in this standard.

AAAVC	Aeronautical Center		
MS	Office of Airport Standards		
ACT	FAA Technical Center		
A/E	Architect/Engineer		
A&E	Architectural and Engineering		
AES	System Engineering Service		
ANSI	American National Standards Institute		
APM	Program Engineering and Maintenance Service		
ASHRAE	American Society of Heating, Refrigerating, and Air		
	Conditioning Engineers, Inc.		
ASSY	Assembly		
AWS	American Welding Society		
DOT	Department of Transportation		
FAA	Federal Aviation Administration		
FAA-RO	Federal Aviation Administration Regional Office		
IEEE	Institute of Electrical and Electronic Engineers		
INSTL	Installation		
MIL	Military		
NAS	National Airspace System		
PE	Professional Engineer		
STD	Standard		
SUBASSY	Subassembly		
W6	Washington Office		

**6.2.2** Drawing title acronyms. The following acronyms shall be used for first line title entries as applicable.

MAC AAL	Aeronautical Center Alaskan Region
AAP	Advanced Automation Program Office
AAS	Office of Airport Standards
A C E	Central Region
ACT	FAA Technical Center
ADF	Automatic Direction Finder
ADL	Associate Administrator for Development and Logistics
AEA	Eastern Region
AĒS	Systems Engineering Service
AGL	Great Lakes Region
ALS	Approach Lighting System
ALSF	Approach Lighting System with Sequenced Flashers
ANE	New England Region
ANM	Northwest Mountain Region
APM	Program Engineering and Maintenance Service
ARSR	Air Route Surveillance Radar
ARTCC	Air Route Traffic Control Center
ARTS	Automated Radar Terminal Systems
ASDE	Airport Surface Detection Equipment

**6.2.1** A<u>cronyms and abbreviations</u>. The following are definitions of acronyms and abbreviations used in this standard.

AAAVC	Aeronautical Center		
MS	Office of Airport Standards		
ACT	FAA Technical Center		
A/E	Architect/Engineer		
A&E	Architectural and Engineering		
AES	System Engineering Service		
ANSI	American National Standards Institute		
APM	Program Engineering and Maintenance Service		
ASHRAE	American Society of Heating, Refrigerating, and Air		
	Conditioning Engineers, Inc.		
ASSY	Assembly		
AWS	American Welding Society		
DOT	Department of Transportation		
FAA	Federal Aviation Administration		
FAA-RO	Federal Aviation Administration Regional Office		
IEEE	Institute of Electrical and Electronic Engineers		
INSTL	Installation		
MIL	Military		
NAS	National Airspace System		
PE	Professional Engineer		
STD	Standard		
SUBASSY	Subassembly		
W6	Washington Office		

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MAC AAL	Aeronautical Center Alaskan Region
AAP	Advanced Automation Program Office
AAS	Office of Airport Standards
A C E	Central Region
ACT	FAA Technical Center
ADF	Automatic Direction Finder
ADL	Associate Administrator for Development and Logistics
AEA	Eastern Region
AĒS	Systems Engineering Service
AGL	Great Lakes Region
ALS	Approach Lighting System
ALSF	Approach Lighting System with Sequenced Flashers
ANE	New England Region
ANM	Northwest Mountain Region
APM	Program Engineering and Maintenance Service
ARSR	Air Route Surveillance Radar
ARTCC	Air Route Traffic Control Center
ARTS	Automated Radar Terminal Systems
ASDE	Airport Surface Detection Equipment

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<b>A</b> AACT	Aeronautical Center	
M S	Office of Airport Standards	
ACT	FAA Technical Center	
A/Ē	Architect/Engineer	
A&E	Architectural and Engineering	
A <b>ES</b>	System Engineering Service	
ANSI	American National Standards Institute	
APM	Program Engineering and Maintenance Service	
ASHRAE	American Society of Heating, Refrigerating, and Air	
	Conditioning Engineers, Inc.	
ASSY	Assembly	
aws	American Welding Society	
DOT	Department of Transportation	
FAA	Federal Aviation Administration	
FAA-RO	Federal Aviation Administration Regional Office	
IEEE	Institute of Electrical and Electronic Engineers	
INSTL	Installation	
MIL	Military	
NAS	National Airspace System	
PE	Professional Engineer	
STD	Standard	
SUBASSY	Subassembly	
WO OW	Washington Office	

 ${\bf 6.2.2}$  D<u>rawing title acronyms</u>. The following acronyms shall be used for first line title entries as applicable.

AAC AAL AAP AAS	Aeronautical Center Alaskan Region Advanced Automation Program Office Office of Airport Standards
A C E ACT	Central Region FAA Technical Center
ADF	Automatic Direction Finder
ADL	Associate Administrator for Development and Logistics
AEA	Eastern Region
AES	Systems Engineering Service
AGL	Great Lakes Region
ALS	Approach Lighting System
ALSF	Approach Lighting System with Sequenced Flashers
ANE	New England Region
ANM	Northwest Mountain Region
APM	Program Engineering and Maintenance Service
ARSR	Air Route Surveillance Radar
ARTCC	Air Route Traffic Control Center
ARTS	Automated Radar Terminal Systems
ASDE	Airport Surface Detection Equipment

**6.2.1** A<u>cronyms and abbreviations</u>. The following are definitions of acronyms and abbreviations used in this standard.

<b>DVAA</b>	Aeronautical Center
MS	Office of Airport Standards
ACT	FAA Technical Center
A/Ē	Architect/Engineer
A&E	Architectural and Engineering
AES	System Engineering Service
ANSI	American National Standards Institute
APM	Program Engineering and Maintenance Service
ASHRAE	American Society of Heating, Refrigerating, and Air
	Conditioning Engineers, Inc.
ASSY	Assembly
aws	American Welding Society
DOT	Department of Transportation
FAA	Federal Aviation Administration
FAA-RO	Federal Aviation Administration Regional Office
IEEE	Institute of Electrical and Electronic Engineers
INSTL	Installation
MIL	Military
NAS	National Airspace System
PE	Professional Engineer
STD	Standard
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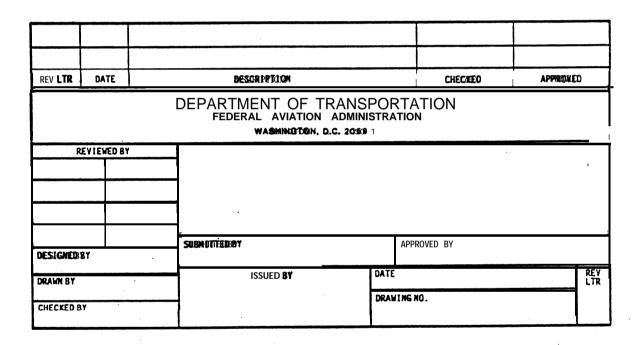


Figure 6. Title Block, A and B Size Drawing (camera ready copy)

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Figure 6. Title Block, A and B Size Drawing (camera ready copy)

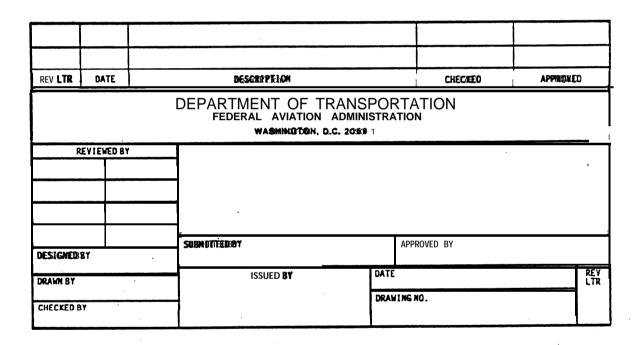


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